

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-34 (Cancelled)

35. (Previously Presented) A method for processing documents in a computer system, the method comprising:

transferring document data associated with a document between a processing device and a peripheral device in the computer system as part of executing an application program;

generating index information associated with the document data; and

archiving the document data with the index information in a memory in the computer system in conjunction with transferring the document between the processing device and the peripheral device transparently to the application program.

36. (Previously Presented) The method defined in Claim 35 further comprising executing a command, as part of execution of the application program, to transfer the document between the processing device in the computer system and the peripheral device.

37. (Previously Presented) The method defined in Claim 35 wherein the index information is selected from a group consisting of one or more

keywords appearing in the document, text appearing in the document, one or more symbols appearing in the document, an indication of the application program, an address, and a low resolution iconic representation for an image in the document.

38. (Previously Presented) The method defined in Claim 35 further comprising searching for the document in the memory using the index information.

39. (Previously Presented) The method defined in Claim 35 wherein archiving the document data is performed transparently to an operating system running on the computer system.

40. (Previously Presented) The method of Claim 39, wherein archiving the document data comprises:

running software on the computer system to monitor a device driver for the peripheral device while the application program runs;

capturing the document data when the device driver operates to invoke transfer of the document data; and

converting the document data to an image of the document data.

41. (Previously Presented) The method of Claim 40, wherein the document image is stored in a format that includes one format from the group consisting of Postscript, PCL, TIFF, GIFF, PDF and FLAS4PIX.

42. (Previously Presented) The method of Claim 40, wherein the document image is stored in a text file format.

43. (Previously Presented) The method of Claim 35, wherein the memory is a storage device in which storage is partitioned between a file archiving system and a document archiving system.

44. (Previously Presented) The method of Claim 43, wherein the document data is stored as an entry in a database maintained in the storage device.

45. (Previously Presented) The method of Claim 35, wherein the document data is stored as a record in a database maintained in a remote storage facility.

46. (Previously Presented) The method of Claim 35, wherein the document data is stored as a record in a database maintained in a paperless printer.

47. (Previously Presented) The method of Claim 35, further comprising capturing a source filename of the document.

48. (Previously Presented) The method defined in Claim 47, further comprising providing links between an archived document data and the original document data.

49. (Previously Presented) The method of Claim 35, wherein the peripheral device is coupled to a network interface of the computer system.

50. (Previously Presented) The method of Claim 35, further comprising accessing archived documents via a browser interface.

51. (Previously Presented) The method defined in Claim 50 further comprising accessing files stored in the memory storing the archived documents using the browser interface.

52. (Previously Presented) A method for automatically archiving document images in a computer system, the method comprising:

capturing a copy of document data transferred between the peripheral devices and the at least one processing device transparently to an application programs while the application programs transfers the document

data between peripheral devices in the computer system and at least one processing device running application programs in the computer system;
generating index information associated with the document data; and
storing the document data with the index information in a memory in the computer system.

53. (Previously Presented) The method defined in Claim 52 wherein the index information is selected from a group consisting of one or more keywords appearing in the document, text appearing in the document, one or more symbols appearing in the document, an indication of the application program, an address, and a low resolution iconic representation for an image in the document.

54. (Previously Presented) The method defined in Claim 52 further comprising searching for the document in the memory using the index information.

55. (Previously Presented) The method of Claim 52 further comprising:
capturing electronic activities of computer system processing; and
storing a document containing a record of the electronic activities in the memory.

56. (Previously Presented) The method of Claim 52 further comprising:

capturing completion of a network document; and
storing the network document as a record in the memory.

57. (Previously Presented) The method defined in Claim 52 wherein storing the document data is performed transparently to the operating system.

58. (Previously Presented) The method of Claim 52, further comprising:

running software on the computer system to monitor a device driver for the peripheral device while application programs run;

capturing the document data when the device driver operates to evoke transfer of document data; and

converting the document data in an image of the document data for storage.

59. (Previously Presented) The method of Claim 52, further comprising accessing archived documents via a browser interface.

60. (Previously Presented) The method defined in Claim 59, further comprising accessing files stored in the memory using the browser interface.

61. (Previously Presented) A computer system comprising:
at least one peripheral device;
a memory storing at least one application program and an archiving program;
a bus coupled to the memory and the at least one peripheral device;
a processor coupled to the bus, the processor running at least one application program and the archiving program to automatically capture documents created during execution of said at least one application program, generate index information associated with document data of the documents, and store captured documents with the index information in the memory via execution of the archiving program transparently with respect to said at least one application program.

62. (Previously Presented) The system defined in Claim 61 wherein the index information is selected from a group consisting of one or more keywords appearing in the document, text appearing in the document, one or more symbols appearing in the document, an indication of the application program, an address, and a low resolution iconic representation for an image in the document.

63. (Previously Presented) The system defined in Claim 61 wherein the processor executes a command to transfer the document and the

archiving program monitors a device driver of said at least one application program to capture the document.

64. (Previously Presented) The system defined in Claim 61 wherein the memory stores an operating system which is executed by the processor and wherein the documents are captured transparently to the operating system.

65. (Previously Presented) The system defined in Claim 61 wherein the computer system is partitioned between a file archiving system and a document archiving system.

66. (Previously Presented) The system defined in Claim 61 wherein the archiving program includes an interface which is generated by the processor to enable accessing of the archived documents via a browser interface.

67. (Previously Presented) The system defined in Claim 66 wherein files stored in the memory are also accessed via the browser interface.

68. (Previously Presented) A computer software product including a medium readable by a processor, the medium having stored thereon a

sequence of instructions which, when executed by the processor, causes the processor to:

transfer document data associated with a document between a processing device and a peripheral device in the computer system as part of executing an application program;

generate index information associated with the document data; and

archive the document data with the index information in a memory in the computer system in conjunction with transferring the document between the processing device and the peripheral device transparently to the application program.

69. (Previously Presented) The article of manufacture defined in Claim 68 including instructions which when executed by the processor cause the processor to execute a command, as part of execution of the application program, to transfer the document between the processing device in the computer system and the peripheral device.

70. (Previously Presented) An apparatus for processing documents in computer systems comprising:

means for executing a command, as part of execution of an application program, to transfer a document between a processing device in the computer system and a peripheral device;

means for transmitting document data between the processing device and the peripheral device in response to the command;

means for generating index information associated with the document data; and

means for archiving the document data with the index information in a memory in the computer system in response to the command to transfer the document between the processing device and the peripheral device transparently to execution of the application program.

71. (Previously Presented) The apparatus defined in Claim 70 further comprising:

means for capturing a source filename of the document, and means for providing links between archived document data and the electronic originals.

COMMENTS

The enclosed is responsive to the Examiner's Office Action mailed on April 2, 2004. At the time the Examiner mailed the Office Action claims 35 through 71 were pending. By way of the present response the Applicants have: 1) amended no claims; 2) added no claims; and 3) canceled no claims. As such, claims 35 through 71 are presently pending. No new matter has been added. The Applicants respectfully request reconsideration of the present application and the allowance of claims 35-71.